

75  
Operation and Oxygen Enriched Operation of  
the Blast Furnace, by K. Wakabayashi, et al.  
JAPANESE, par. Tetsu-to-Hagane, Vol 55, Sept  
1969, pp 867-876.  
BISI 8184

*K. Wakabayashi*

Sci-Met  
Dec 70

106  
Melting Practices for High Carbon Steel  
Made by the Oxygen LD Process, by K.  
Wakabayashi et al.  
JAPANESE, per, Tetsu to Hagane, Vol 52,  
No 3, 1966, pp 348-349.  
HB 6886

*K. Wakabayashi*

Sci-Materials  
Oct 66

313,146

104  
Use of lime with  $Fe_2O_3$  Addition in a s.s. ID  
Furnace, by K. Wakabayashi.  
JAPANESE, per, Tetsu-to Kagaku, Vol 51, 1965,  
p. 737-749.  
\*ALSI 7571

sci/ materials  
sept 69

*K. Wakabayashi*

79  
Use of Lime with Fe<sub>2</sub>O<sub>3</sub> Additions in a  
Basic Oxygen LD Furnace, by Kazuo Waka-  
bayashi et al.

JAPANESE, per, Tetsu to Hagane, Vol 51,  
No 4, 1965, pp 737-740.

HB 6746

*Kazuo Wakabayashi*

Sci-NEM

Jul 66

304,387

34  
Japanese CP Cities Head to Unify against  
American Imperialist Attacks and Modern  
Revisionism, by Sen Wakabayashi, 7 pp.  
JAPANESE, np, Akahata, 30 June 1966, p. 5.  
JPRS 36716

*Wakabayashi, Sen*

FE-Japan  
Pol  
Sept 66

309,834

S. Wakamatsu

June 71

S. Wakamatsu

Scl/Hpt  
Feb 71

Mar 71

S. Wakamatsu

A. WAKANA

Correlation Between Pour Point Depressant Composition and Effectiveness. Part I. Correlation Between the Composition of Friedel-Crafts Reaction Products from Naphthalene and Chlorinated Paraffin (Davis' Method) and Their Effectiveness as Depressants.  
CENTRO QUIMICO SUI Vol 14, pp 1001-1006, 1971.

NTC 73-10055-1111

Mar 73

*K. Wakayama*

An Automatic Vibrascope. Part I. Principle, Design,  
and Operation, by K. Wakayama.  
JAPANESE, per, Sen-i Kikai Gakkai Shi, Vol 17, No 2,  
1964, pp 126-132.  
ATS-JS-306

June 72

*S. A. Makman*

Antibiotics, by S. A. Makman.  
GERMAN, per, Bild der Wissenschaft.  
Vol. 8, No. 2, 1971, pp. 137-147.

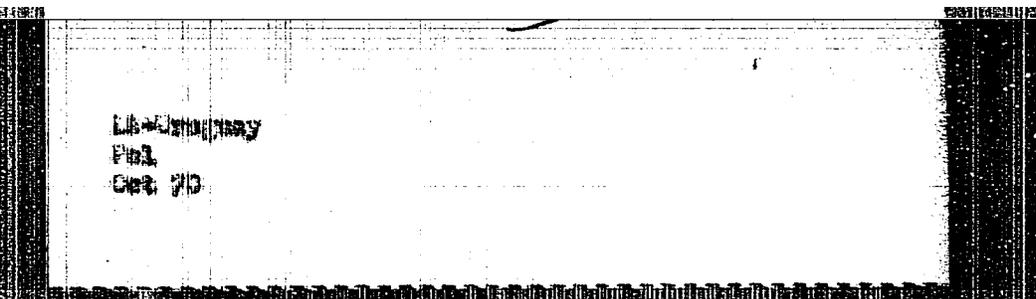
**NYC 72-10409-060**

**Apr 72**

Analysis of Prospective Presidential Candidacies  
Given, by Daniel Wakeman Schinca, 10 pp.  
GOVERNMENT USE ONLY  
STANBIS, POU, Marcha, Montevideo, 30 Dec 1971,  
pp 10, 11, 19.  
JPRS/14046

*Daniel Wakeman Schinca*

Feb 72

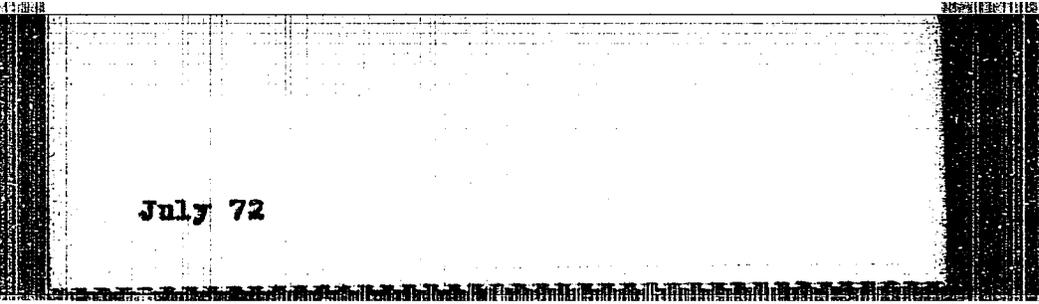


54  
Hiring of Teachers Causes University Missions,  
by Daniel Waksman Schinca, 6 pp.  
SPANISH, np. Larcha, Montevideo, 9 May 1969, p 9.  
JPRS 48259

Daniel Waksman  
Schinca

LA-Urug  
Educ  
July 69

387.832



July 72

*H. Hal*

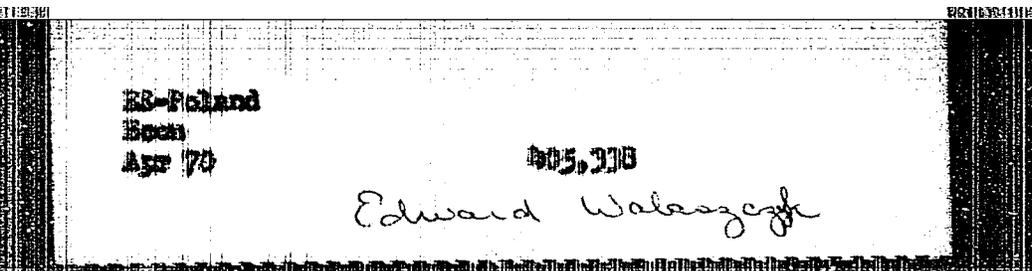
**Infrared Spectrophotometric Studies  
of Oxide Catalysts for Benzene  
Oxidation, by W. Hal.  
CZECH, per, Przenal Chemisty, Vol 47,  
No 7, 1968, pp 404-408  
NTC 72-11485-07A**

**June 72**

*W. Wal*

Differentiation of the Degree of  
Oxidation of a Catalyst During its Use  
in a Multitube Reactor, by W. Wal.  
CZECH, per, Przemysl Chemiczny, Vol 47,  
No 12, 1968, pp 759-761.  
NTC 72-11026-07A

May 72



125

Some Compensatory Reactions in Prolonged  
Weightlessness, by J. Walawski, 6 pp.  
RUSSIAN, rpt. Third International Symposium  
on Basic Environmental Problems of Man in Space,  
World Health Organization, 19-22 Nov 1968.  
JPRS 47,398

*J. Walawski*

Sci-Space Tech  
Feb 69

374,021

Interaction Between the Red Spot of Jupiter  
and the Three New Formations of the South  
Temperate Band (HOS), by M. Walbaum.  
FRENCH, per. L'Astronome, Vol 81, May 1967,  
pp 206-209.  
\*NASA TT F-11,386

GOVERNMENT USE ONLY  
Sci-Astron  
Jan 68

Fungi Damage to Textiles and Its Prevention by  
Fungi Resistant Finishes, by O. Walchli, 19 pp.

GOVERNMENT USE ONLY

GERMAN, per, Textile Refinement, Vol 4, No 8,  
1969.

ARM/FSTC/HT-23-065-71

O. WALCHLI

May 71

*M. Walborer*

The One-Dimensional Cutting Problem  
in Flat Glass Manufacture, by  
M. Walborer.  
GERMAN. var. Gastechnische Berichte.

**N7C 72-12081-11B**

**June 72**

620  
on the Influence of Different Test Procedures  
in Testing the Resistance of Textiles Against  
Cellulolytic Fungi, by G. Malchi.  
GefuM, per. Material und Organismen, No 2, 1965,  
pp 81-94.  
ACSI J-6579  
ID 2204012168

Sci.-Chart  
May 68

356,175

43

The Influence of Soil Ventilation on the Destructive Effect of Soil Microorganisms on Cellulosic Textiles in Soil Burial Tests, by Oscar Malchli.

GERMANY, For. Material und Organismen, Vol 2, No 2, 1967, pp 85-96.

ACSI J-4585  
ID 2204012568

*Oscar Malchli*

Sci/Agri  
Apr 68

356,561

Influence of Visible Light on the Cellulytic  
Activity of Fungi, by Oskar Walchli. 13 pp.  
GERMAN, per, Material und Organismen, Vol 2,  
No 4, 1968, pp 245-255.

\*ACSI-J-7153

FSTC-HT-23-70-70

*Oskar Walchli*

Sci-DMN  
Feb 70

401,688

45

Achievements and Plans of the Polish Teachers' Union, by Marian Walczak, 12 pp.  
POLISH, per, Glos Naucznielski, No 1, 2 Jan  
1966, pp. 4-5.  
JPRS 33923

*MARIAN WALCZAK*

EE-Poland  
Econ  
Feb 66

295,691

25

Vocational Training in 1966 - 1970, by Marian  
Walczak, 7 pp.  
POLISH, per, Skola Zawodowa, No. 3, Mar 1967,  
pp. 5-8.  
JPHE 40892

Marian Walczak

EE-Poland  
Econ  
July 67

329,632

27  
Present and Long-Range Trends in the Work of  
Organs Administering Justice, by Stanislaw Walc-  
zak, 15 pp.  
POLISH, per, Nowe Prawo, No. 1, Jan 1967,  
pp. 5-19.  
JPRS 40348

*Stanislaw Walczak*

EE-Poland  
Econ.  
July 67

329,642

Tadeusz Walczak  
Experimental Operation of Odra-1304  
Computer, by Tadeusz Walczak, 12 pp.  
POLISH, por, Informacja, Warsaw, Jul 71,  
pp 8-12.  
JPRS 61,307

Nov 71

Space Exploration: Past, Present Future (Selected  
Articles), by O. Wolczek. 52 pp.  
POLISH, per Nowosci Nauki i Techniki. Reportaz z  
Kosmosu, 1968, pp 37-66, 81-87, 202-229.  
AIR FTD-HC-23-464-70

*O. Wolczek*

15  
Polish-Soviet Scientific, Technical Cooperation,  
by Witold Walezewski, 5 pp.  
POLISH, per. Przeegląd Mechaniczny, Warsaw,  
No. 20, 25 Oct 67, pp. 617-619.  
JPRS 44,202

Intrabloc  
Economic  
Jan 68

349,942

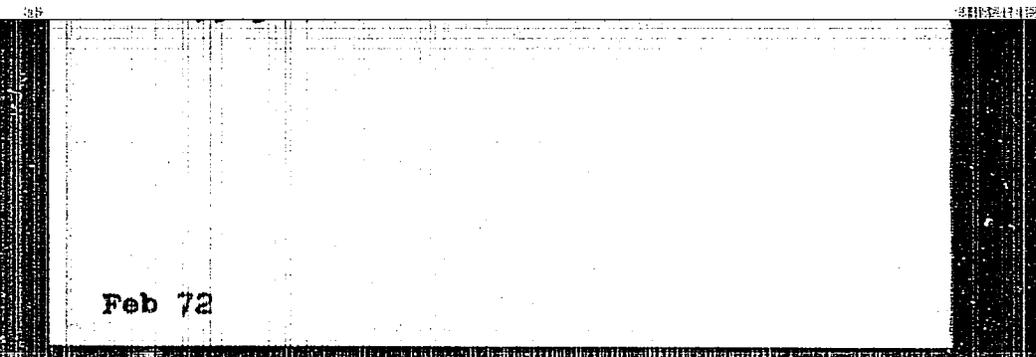
*collected Walezewski*

Eugeniusz WALCZAK

Transformation in Officer Cadre Analyzed,  
by Eugeniusz Walczak, 12 pp.  
POLISH, per, Polityka, Warsaw, 29 Apr 72,  
pp 1, 4-8.  
JPRS 56113

Jun 72

May 72



90  
Metallography by Ionic Attack, by P. Haybann,  
C. Waldburger.  
FRENCH, per, Memoires Scientifiques de la  
Revue de la Metallurgie, Vol 62, No 7-8,  
1965, pp 515-525.  
HTC-69-13240-11F

*C. Waldburger*

Sci-Mat  
Sept 69

392,768

74  
The Power Requirement of Electrochemical and  
Electrothermal Processes, by H. Walde.  
GERMAN, per, Chemie-Ing-Tech, Vol 41, No 4,  
1969, pp 185-190.  
CEGB  
O.A. 920

*H. Walde*

Sci-Elec  
Oct 69

394,607

F. Waldeck

Photometric Determination of Oxygen Dissociation  
Curves of Single Erythrocytes.

GERMAN, per, Pflüger's Archiv (für die Gesamte  
Physiologie des Menschen und der Tiere), Vol 295,  
1967, pp 1-14  
NTC 72-60562-06A'

Oct 72

50  
Change in Position of Oxygen Fixation Curve as  
Functions of Intraerythrocytic Cation and Hemoglobin  
Concentrations, by F. Waldeck, R. Zeder, 32 pp.  
GERMAN, per, Klinische Wochenschrift, Vol 47,  
1969, pp 1068-1078.

ACSI J-8292  
ID 2204006970

F. WALDECK

Sci/DMM  
July 70

J-2144

Pink, Red, Dark Red - Communist Color  
Fashions, by Axel Waldemarson, *S-P*.  
SWEDISH, np, Svenska Dagbladet, 7 Mar 1965,  
p 1.

*JPRS/SPECIAL/DC-11240*

HE  
HE-Sweden  
Mar 65  
Pol

Simultaneous Measurements of Waves, with <sup>110</sup>  
Non-Stabilized Recording Accelerometers,  
at Places of Various Depths in the German  
Bight, by H. Walden, H. J. Rubach.  
GERMAN, per, Deutsche Hydrograph. Zeit., Vol  
20, No 4, 1967, pp. 157-67.  
NTE Ref: 6113.199 (125)

*H. WALDEN*

Sci-Geo  
July 69

387,469

J-1826

Open Letter from Matthias Walden to Prof Wolfgang  
Harich, by Matthias Walden. 3 *8-1*  
GERMAN, per, Quick, 10 Jan 1965.

*Munich*

\*JPRS/NY-9563/Special

EE-Germany

Pol

Feb 65

45  
Poly- or Monoclonal Hypergammaglobinemia,  
by J. Waldenström  
SWEDISH, per, Nord Med., Vol 77, No 12, 1967,  
pp 365-373.  
HEW NIK  
11-7-68

J. WALDENSTRÖM

Sci-884  
Feb 69

369,544

Present State of Theoretical Knowledge of Red  
Pine, by N. Moysson, T. Waldenström.  
FRENCH, par, COS Circ, Vol 25, No 12, 1968,  
pp 2663-2673.  
BISI 7488

T. WALDENSTRÖM

Sci/Chem  
May 70

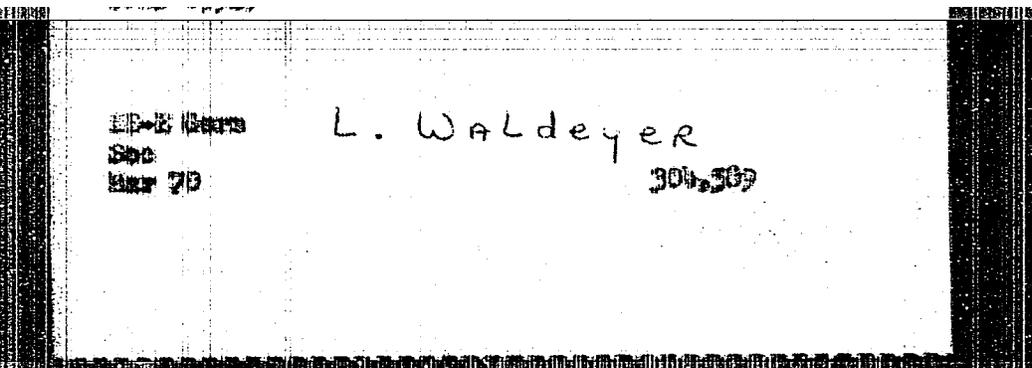
406,763

57

Contribution to the Study of the Diffusion of B  
in Zr, by A. Walder,  
FRENCH, rpt, Doctorate Thesis, Univ Paris, 1966.  
\*Nat Bur Stand TT 70-57889

Sci-Chem  
Jul 70

A. WALDER



The Main Problem, Fresh and Hygienic Water Con-  
taminated by Fallout, Chemical Agents, and Bio-  
logical Agents Becomes Potable Again, by J.  
Waldhauer, 17 pp.

60  
GEBRAUCH, par, Ziviler-Bevölkerungsschutz, Vol  
XII, No 2, 2 Feb 1967, pp 3-9,

ACSI J-3068  
ID 2204034667

*J. Waldhauer*

Bei-1224  
Oct 67

341,555

The Main Question: Fresh and Hygienic Atoxically, <sup>59</sup>  
Biologically, and Chemically Contaminated Water  
Became Drinkable Again, by J. Waldhauser.  
GERMAN, per, Ziviler Bevölkerungsschutz, Vol 12,  
No 2, 1967, pp 3-9.  
\*ACSI J-2068  
ID 2204034667

*J. Waldhauser*

Sci/D&M  
Aug 67

66  
The Development of the Phase in the W-Ba System, by I. Waldhauser.

HUNGARIAN, per, Hirafastechnika, No 7, 1968, pp 215-220.

\*ACSI-J-7713

\*RSTC-IR-23-157-70

*I. Waldhauser*

Sci-Elec  
Dec 69

87  
Planning and Construction of a Forging Plant and  
Experience in its Running, by E. Waldherr,  
GERMAN, per. Stahl Eisen, Vol 89, Apr. 1969,  
pp 389-398  
BIBI 7308

*E. Waldherr*

Sci/Mat  
Mar 70

404,053

*D. Waldi*

**Thin-Layer Chromatography of Some  
Sugars and Sugar Alcohols, by  
D. Waldi.**

**ENGLISH, per, Journal of Chromatography,  
Vol 18, 1965, pp 417-418.  
NTC 72-10167-07C**

AP<sup>F</sup> 72

Power Angle Regulation for Synchronous Machines,  
by D. Ernst, H. Waldmann.  
GEMM, part, Elektrizitätswirtschaft, Vol. 64,  
1965, pp 181-187.  
ENC-69-12963-0PC

82

H. Waldmann

Sci-Exec  
Sept 69

31,189

*E. H. Waldschmidt*

Richardson Extrapolation and Error Estimation for  
for the Numerical Solution of Second-Order  
Boundary-Value Problems, by E.H. Waldschmidt  
GERMAN, per. Dissertation, Faculty of Mathe-  
matics and Physics, Technical University of  
Darmstadt, 71 p. 1969,  
APL/JHU T-2645

Jul 72

WALDSCHMIDT, M. and others.    Radical concentration of  
ratliver-mitochondria in its dependence on various factors  
A.Naturf. 23B:798-803 (1968)      (NLL/9023.175 (534))

73  
Radical Concentration of Ratliver-Mitochondria in  
its Dependence on Various Factors, by H. Waldschmidt.  
GERMAN, per, Zeit fur Naturforsch., No 23B, 1968,  
pp 798-803.  
NLL Ref: 9023.175 (534)

m. Waldschmidt

Sci/BSH  
Mar 70

401,899

Use of Incoherent Diffusion for the Detection  
of Collisions between Ionized and Neutral  
Particles, by M. Petit, P. Waldteufel, 3 pp.  
FRENCH, Act. Space Research VII, North Holland  
Pub. Co. 1967, pp 241-244  
A99/NSIC/Tr-876-68  
GOVERNMENT USE ONLY

*P. Waldteufel*

sci/space Tech  
Feb 69

1747198

A Raindrop Spectrometer With Automatic Data Recording,  
by J. Joss, A. Waldvogel, 7 pp.  
GOVERNMENT USE ONLY  
GERMAN, per, Pure and Applied Geophysics, Vol 68, 1967,  
pp 240-246.  
Dept of Navy NRL Tr 1219

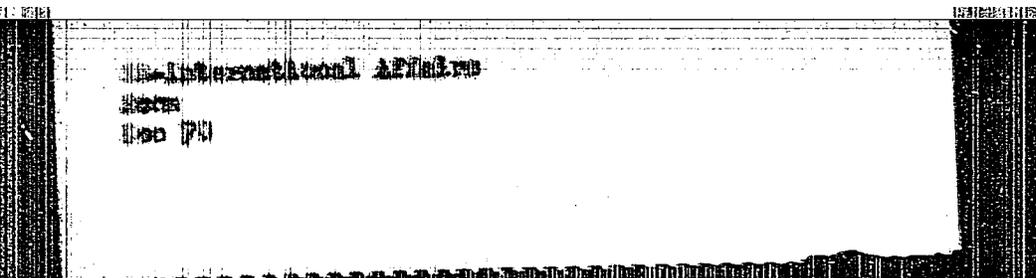
A. Waldvogel

July 71

Experiences in the Flashing of Beasts with Argon  
in a Steel Foundry Ladle, by H. Reichtold and  
W. Waldvogel,  
GIBBON, par. Die Gießerei, Vol 56, No 11, 1969,  
pp 313-318.  
EB 8102

Sel/bst  
May 70

*W. Waldvogel*

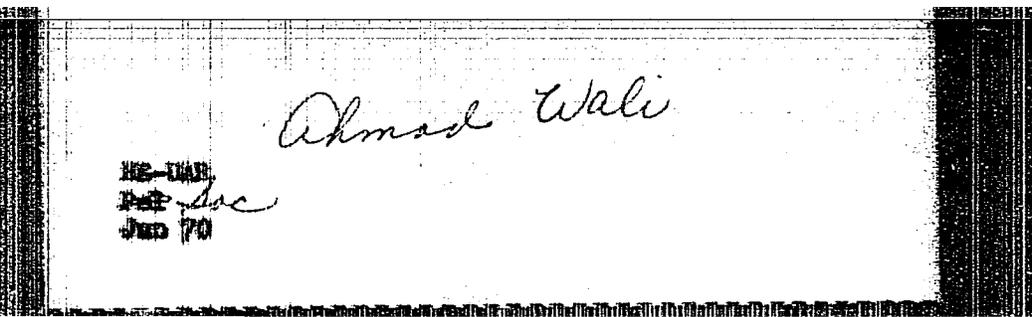


Reduction of Germ-Numbers by Irradiation in Mixed  
Feeds and their Raw-Materials, by Janos Walger, 11 pp.  
GOVERNMENT USE ONLY  
HUNGARIAN, per, Elemezesi Ipar, Vol 23, No 1, 1969,  
pp 14-19.  
ARM/FSTC/HT-23-211-69

JANOS WALGER

Sci/BGM  
Jan 69

398,894



New Training Policy in the Ministry of the Interior, by Col Ahmad Wali, 18 pp.  
ARABIC, par, al-Ahram al-'Asri, No. 37, Apr 1967,  
pp. 75-88.  
JPRS 61934

26

GOL.AHMAD ~~WALI~~  
WALI

MB-JAR  
From  
Sept 67

338,886

Arrangement for Automatic Determination of Melting  
and Boiling Points, by W. Walisch, H. G. Iberle.  
GEBRA. per, Hilfstechnik, No 6, 1967,  
pp 1031-1040.  
NTC 69-11579-14B

W. WALISCH

Sci-Meth & Equip  
July 69

367,153

*W. Walkenhorst*  
Considerations and Investigation on the Filtration  
of Dust-Containing Gases With Special Consideration  
of Electric Forces, by W. Walkenhorst.  
GERMAN, per, Staub-Reinhaltung der Luft, Vol 29,  
No 12, 1969, pp 483-493.  
NTC-71-11219-13B

Nov 71

GRZEGORZ WALL

A Reporter's Encounter With Narcomaniacs  
and Editorial Commentary, by Grzegorz Wall,  
7 pp.  
POLISH, mp, Walka Mlodych, Warsaw, 6 Feb 72,  
pp 8, 9.  
JPRS 55789

May 72

21  
Development of IDF Armored Corps Reviewed,  
by Yehuda Wallach, 13 pp.  
HEBREW, per, Ha'arets, Tel Aviv, No 197,  
Jan 1969, pp 12-20.  
JPRS 47,611

*Yehuda Wallach*

HE-Israel  
441

Recrystallization Textures of Commercially <sup>65</sup>  
Pure Copper, by H. Wallbaum.  
GERMAN, per, Z. Metallkunde, Vol LVII, No 4,  
1966, pp 249-259.  
Chem Trans Sv No 2668

*H. Wallbaum*

Apr 67  
Sci-Chem

324,916

Belgian Leftist Writer Replies to Criticism  
of His Article Analyzing De-Stalinization,  
by J. P. Wallenborn, 5 pp.  
FRENCH, np, La Gauche, Vol 10, No 11, 19 Mar  
1966, p. 11.  
JPRS 35164

WE-Belgium  
Pol  
May 66

299,937

62  
Crystallization and Stereospecificity of  
Polymers From Acetylene Anhydrides, by  
K. Wallenfels, J. E. Seibel.  
MAGAZINE, part, Number 2., Vol 344, No 5,  
1964, pp 524-526.  
Chem Soc Rev 3142

K. Wallenfels

319,978

Sci - Biological and Medical Sciences  
Mar 67

Investigation of Pellicula. IV. Explanation  
of Structure by Physical, Chemical and  
Enzymic Methods, by K. Wallenfels.  
GERMANY, pub, Monatsh. F., Vol 341, No 5,  
1965, pp 433-450.  
Chem Trans Sv 3161

61  
62

K. Wallenfels

319,977

Sci - Biological and Medical Sciences  
Mar 67

*A. Wallenhauer*

Summarization of the European Datums 1950 with the  
aid of Doppler Measurements of Navigation and  
Geodetic Satellites, by A. Wallenhauer.  
GERMAN, per, Ortung and Navigation, Vol 1, 1971,  
pp 57-77.  
\*ACIC

Aug 72

*Arnold Wallenhauer*

Application of the Method  $\lambda\beta$  for Integrating the  
Doppler Effect of Signals from Artificial Close  
to Earth Perigean Earth Satellites for the Purpose  
of Geodetic Station Determination, by

Arnold Wallenhauer, 54 pp.

GERMAN, bk, Deutsche Geodatische Kommission  
Bayerischen Akademie Wissenschaften, Reihe C:

Dissertationen, Heft Nr. 161.

\*ACIC

Mar 72

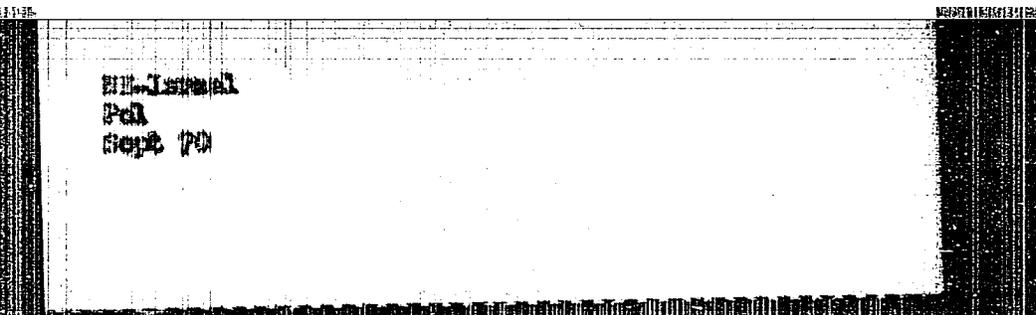
Navigation by Satellites, by O Weber and  
A. Wallenhauer,  
GOVERNMENT USE ONLY  
GERMAN, per. Luftfahrttechnik-Raumfahrttechnik,  
Vol 15, No 8-9, Aug-Sep 1969, pp 214-220.  
SCIC-TC-1652

*A. Wallenhauer*

Sci/Nav, COMUS  
Jan 71

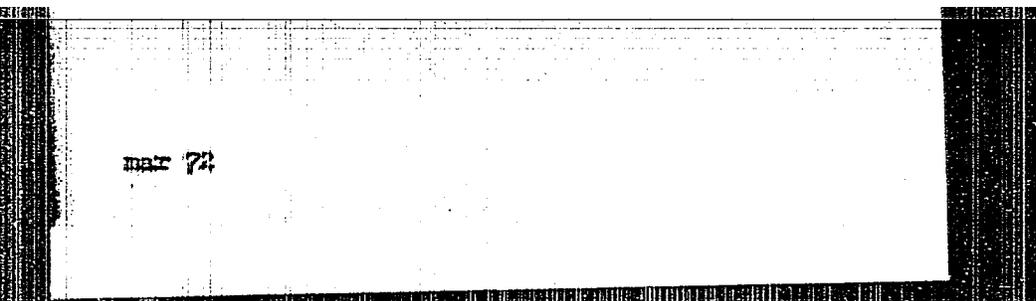
Dictionary of Astronomical Terms, by Ake  
Wallenquist,  
SWEDISH, bk, 265 pp.  
national History Press

Oct 66



*KL Hall Lauser*

Apr 81



*K. H. Walhausser*

June 71

89

Emphasis on Multi-Shift Work Continues, by  
Sonja Walligora, 19 pp.  
GERMAN, per, Die Wirtschaft, East Berlin, 27 Feb  
1969, pp 16-17,  
JPRS 48028

*Sonja Walligora*

Sci-Tech  
June 69

381,705

REF ID: A67051

Nov 72

WALLISER, K.    On the differential analysis of periodicity  
pitch.  
Acustica 21(3):329-36 (1969)                      (NRC/C-8712)

*K. Walliser*

88

The Influence of Different Factors on the Coefficient of Heat Transfer in the Cooling of Steel, by G. Wallquist.

SWEDISH, per, Jernkon. Ann., Vol 150, No 11, 1966, pp 757-756.

BISI 5692

*G. Wallquist*  
Sci/Egt  
Aug 68

361.379

150  
The Influence of Different Factors on the  
Coefficient of Heat Transfer in Steel Heating  
Furnaces, by G. Wallquist.  
SWEDISH, per, Jernkon. Ann., Vol 149, No 5,  
1965, pp 221-256.  
\*RISI 6224

Sci/Mat  
Mar 68

*G. Wallquist*

AEC (GERHTR-2) MODEL STUDIES ON CONICAL FLUIDIZED BEDS. A CONTRIBUTION TO FUEL PARTICLE COATING. Wallroth, C.-F. (Kernforschungsanlage, Juelich (West Germany). Institut fuer Reaktorwerkstoffe). Translation of report JUL-669-RW. 197p. Dep. NTIS.  
Thesis. Submitted to Technische Hochschule, Aachen, Ger.  
Work performed under United States-German High Temperature Reactor Research Exchange Program.

reactor fuel; translations 18J

MN-79 P NSA

REVISED CARD

C. F. WALLROTH

Model Investigations on Conical Fluidized Beds for  
Coating of Nuclear Fuel Particles. CHEMIE-INGENIEUR-  
TECHNIK, Vol. 43, pp 1298-1304, 1971.

NTC 73- 10392-18J

Mar 73

Minister of Mines Speaks About Nationalization  
of Copper, by Rodolfo Walsh, 6 pp.  
SPANISH, rpt. Abcon, Santo Domingo, 8 Feb 1971,  
pp 29-31.  
JPRS 52590

*Rodolfo Walsh*

LA-CHILE  
Fol  
Mar 71

Self-diffusion in Beta-Titanium and Beta-Hafnium, by N. E. Walpole De Reza, C. M. Libanati.  
GOVERNMENT USE ONLY  
FRENCH, per, Acta Met., Vol 16, Oct 1968, pp 1289-1295.  
NASA TT F-12,228

*E. Walpole De Reza*

Sci-Chem  
Aug 69

388,717

Self-Diffusion in Beta-Titanium and Beta-Hafnium, by  
N. E. Walsoe De Reza.

SPANISH, per, Acta Metallurgica, Vol 16, 1968,  
pp 1297-1305.

\*NTIS/NBS TT 71-55139

Available NBS Only

\*NASA TTF 12,228

N. E. Walsoe De Reza

June 71

*T. Walszak*

*Experience gained from operating ODRA 1304 computer.  
12 pp.*

*POLISH, Informatyka. Dziejiej Maszyn Matematycznych,  
Vol 7, 1971, pp 8-13  
AIR/FTD-UC-23-945-72*

*U.S. GOV'T USE ONLY. COPYRIGHT INFORMATION*

*nov 72*

Submicron Metal Powders, by M. Waltenberger-  
Razniewska, et al. 115  
POLISH, per, Rudy Metale Niezależne, Vol 10,  
No 2, 1965, pp 75-79.  
•FTD-HT-23-1035-67

*M. Waltenberger-Razniewska*  
*WALTENBERGER-RAZNIEWSKA*

Sci/Materials  
Aug 67